

## CTR 8 • Setup Guide

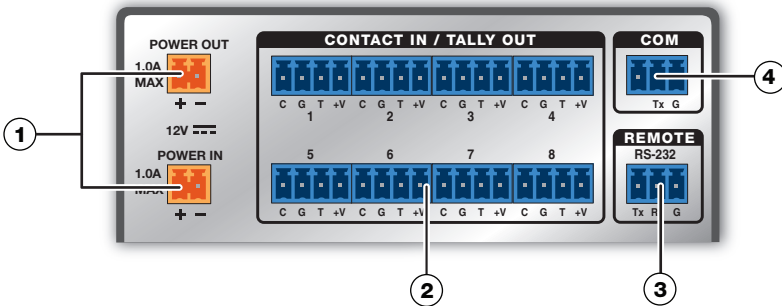
**IMPORTANT:**  
Go to [www.extron.com](http://www.extron.com) for the complete user guide, installation instructions, and specifications before connecting the product to the power source.

The Extron CTR 8 provides contact closure input switching for most Extron switchers with RS-232 capability. It allows simple push-buttons to remotely switch and mute video sources.

**NOTE:** For full installation and operation details, see the *CTR 8 User Guide*, available at [www.extron.com](http://www.extron.com).

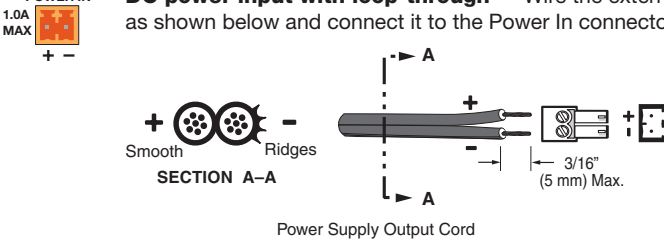
### Installation

**ATTENTION:** Turn the input and output devices off and unplug their power cords. Verify that the CTR 8 is disconnected from the power source before proceeding.



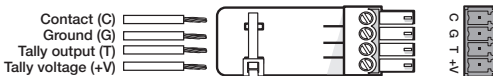
**Figure 1. CTR 8 Rear Panel**

- ① **DC power input with loop-through** — Wire the external 12 VDC power supply as shown below and connect it to the Power In connector.



The Power Out connector allows power to be looped to an Extron device that uses +12 VDC voltage. Follow the same pin diagram above to connect a device to the Power Out connector.

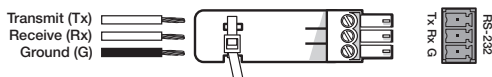
- ② **Contact closure inputs with tally outputs** — Connect contact closure source devices to these 4-pole female captive screw connectors. Wire each connector as shown below.



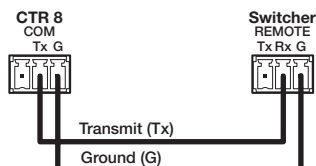
**NOTE:**

- For “Show Me” cables, the ground pin connection is optional.
- Do not connect “Show Me” cables to the +V pin.

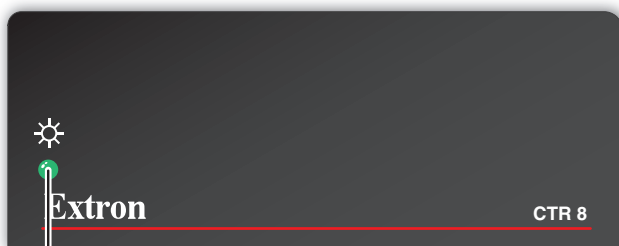
- ③ **Remote RS-232 port** — Connect the serial port of a control computer to this female captive screw connector, as shown below, to control the CTR 8 using SIS commands.



- ④ **COM switcher port** — Connect an Extron switcher to this female captive screw connector as shown at right. Only connect the Tx and G pins of the CTR 8.



## Front Panel



- ① **Power LED** — Lights green when the unit is receiving power.

## Application Diagram

